



PTO/SB/96 (08-03)

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### STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Richard WOODS and Shawn BARGE

Application No./Patent No.: 09/827,258 Filed/Issue Date: 05 April 2001

Entitled: PULSED FLOW PREFERENTIAL OXIDATION REACTOR

HyRadix, Inc., a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or

2.  an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. [ ] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. [✓] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Richard WOODS and Shawn BARGE To: Hydrogen Burner Technology Inc.

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: Hydrogen Burner Technology Inc. To: SOFINOV, Societe Financiere D'Innovation

The document was recorded in the United States Patent and Trademark Office at  
Reel 012066, Frame 0621, or for which a copy thereof is attached.

3. From: Capital Technologies CDPQ Inc. (SOFINOV) To: HyRadix, Inc.

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet.

[✓] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

JUNE 10 2004

Date

Kishore J. Dashti

Typed or printed name

Kishore J. Dashti

Signature

VICE PRESIDENT

Title

HYI-03-102

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## ASSIGNMENT

WHEREAS, CAPITAL TECHNOLOGIES CDPQ INC., formerly known as SOFINOV, Societe Financiere D'Innovation, a Quebec Corporation, located at Centre CDP Capital, 1000, place Jean-Paul-Riopelle, Montréal, Québec H2Z 2B3 Canada, ("Assignor"), is owner of the right, title and interest in and to the following United States Patents (6,033,793 and 6,089,859) and Patent Applications (09/512,727, 09/732,230, 09/827,258, 09/827,257) by virtue of the Assignment document recorded August 13, 2001 at Reel/Frame 012066/0621 ("Patents"); and

WHEREAS, HYRADIX, INC. a Delaware Corporation, located at 175 West Oakton Street, Des Plaines, IL 60018, ("Assignee") desires to acquire Assignor's right, title and interest in and to the Patents and

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns, transfers and sets over to Assignee, its successors, legal representatives and assigns, its right, title and interest in and to the Patents, including continuations, divisions and continuation-in-parts, extensions, reissues and reexaminations, including the right to sue in its name for past infringement of any of the Patents in its name and entitlement to all damages and remedies for such past infringement.

Assignor authorizes and requests the United States Director of Patents and Trademarks, and any other proper officer or agency of any country to issue all Letters Patent to Assignee, and to record Assignee as assignee of its right, title and interest in and to the Patent for sale, use and enjoyment of Assignee, its successors, assigns or other legal representatives.

Attached hereto is a certified copy of the amended charter relating to the change of name of SOFINOV, Societe Financiere D'Innovation, to CAPITAL TECHNOLOGIES CDPQ INC..

IN WITNESS WHEREOF, Assignor has caused this instrument to be executed by its duly authorized corporate officer.

ACCEPTED AND AGREED TO BY:  
HYRADIX, INC.

Signed: 

Name: Kishore S. Doshi

Title Vice President, Technology

Date May 3<sup>rd</sup> 2004

CAPITAL TECHNOLOGIES CDPQ, INC.,  
formerly known as SOFINOV, SOCIETE  
FINANCIERE D'INNOVATION

Signed: 

Name: Luc Charron Yves Lamarre

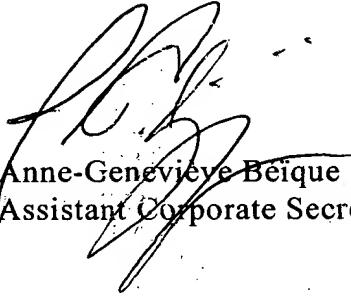
Title Senior Partner Senior Partner

Date March 30, 2004 March 30, 2004

**CAPITAL TECHNOLOGIES CDPQ INC.**

I, THE UNDERSIGNED, Anne-Geneviève Béïque, Assistant Corporate Secretary of Capital Technologies CPDQ inc., HEREBY CERTIFY that the enclosed documents are the true English version of the original articles of amendment, recorded in the minutes of Capital Technologies CDPQ inc.

Montreal, March 30, 2004

  
Anne-Geneviève Béïque  
Assistant Corporate Secretary

# Quebec

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## CERTIFICATE OF AMENDMENT

**Companies Act, Part 1A  
(R.S.Q., c. C-38)**

I hereby certify that the Company

**CAPITAL TECHNOLOGIES CDPQ INC.**

**has modified its articles On May 31, 2002 in accordance with  
Part IA of the Companies Act (Quebec), as indicated in the  
attached articles of amendment.**

**Deposited in the register on May 31, 2002  
under the registration number 1144495398**

**Goverment of Quebec  
The Inspector General  
of Financial Institutions**

**(Signature: R.S. Turcotte)  
Inspector General of Financial Institutions**

I030F18S93S53MA

Government of Quebec  
Inspector General  
of Financial Institutions

Form 5  
**ARTICLES OF AMENDMENT**  
Companies Act, R.S.Q., c C-38  
Part 1A

1 Corporate name  <b>CAPITAL TECHNOLOGIES CDPQ INC. INC.</b>	
2 Motion made pursuant to Section 123.140 and following of the Companies Act	
3 The articles of the Company are amended as follow :	
4. Effective date, if different from filing date (see guidelines)  <b>May 31, 2002</b>	5. Corporate name (or registration number) before the amendment, if different from the one mentioned in box 1  <b>SOFINOV SOCIÉTÉ FINANCIÈRE D'INNOVATION INC..</b>

If space is insufficient, attach an appendix in two (2) copies

Signature of the authorized director \_\_\_\_\_ Signature **Claude Séguin**  
\_\_\_\_\_  
Claude Séguin

For departmental use only

C-215 (Rev. 2001-03)

## ASSIGNMENT

WHEREAS We Richard Woods and Shawn Barge, hereinafter referred to as the "Assignors", both of 3925 Vernon Street, Long Beach, California 90815, have invented a new and useful invention entitled "Pulsed Flow Preferential Oxidation Reactor" for which we have executed application papers for United States Patent thereon, and

WHEREAS we verily believe ourselves to be the original, first and joint inventors of the invention set forth in said application for Letters Patent and represent that we have not conveyed or hypothecated any right or interest therein, and

WHEREAS Hydrogen Burner Technology Inc., a corporation of the State of California, hereinafter referred to the "Assignee", having a principal place of business at 3925 Vernon Street, Long Beach, California 90815, is desirous of acquiring the entire and exclusive right, title and interest in and to said invention, any and all patent applications which may be filed thereon, and all Letters Patent which may be granted or issued therefor in the United States and throughout the world, including any and all divisions, continuations, reissues and extensions of any of the foregoing;

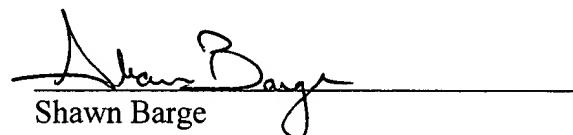
NOW, THEREFORE, for good and valuable consideration and for the further consideration of the sum of One Dollar (\$1.00) plus, receipt of which is hereby acknowledged, Assignors do hereby sell, assign, transfer and set over unto the said Assignee, its successors and assigns, the entire and exclusive right, title and interest in and to said invention, patent applications and Letters Patent which may be granted or issued for said invention in the United States and throughout the world, including all divisions, continuations, reissues and extensions thereof, and all international priority rights associated therewith, all to be held and enjoyed as fully and completely as the same might have been held by Assignors had this assignment not been made, and Assignors hereby authorize and request the Commissioner of Patents and Trademarks of the United States and the duly constituted authorities of foreign countries to issue all Letters Patent relating to the foregoing assigned rights to said Assignee, its successors and assigns.

Assignors agree that they will at all times keep the said Assignee advised of their whereabouts, and will promptly, upon request, and without further compensation, but at no out-of-pocket cost or expense to themselves, do all lawful acts including the execution of all necessary documents, and the giving of testimony that in the opinion of said Assignee, its successors and assigns may be necessary or desirable for obtaining, sustaining and reissuing United States and foreign Letters Patent relating to the foregoing assigned rights, and perfecting, affirming recording and maintaining the title of said Assignee, its successors and assigns thereto, and that Assignors will generally cooperate to the fullest extent in all matters pertaining to said inventions and patents, and said Assignee's title thereto.

25 IN WITNESS WHEREOF, I have executed his instrument at Long Beach, California this  
day of May 2001

  
Richard Woods

25 IN WITNESS WHEREOF, I have executed his instrument at Long Beach, California this  
day of May 2001

  
Shawn Barge

1002-116.US06